

INTERNATIONAL SEARCH REPORT

International application No.

PCT/JP2004/005278

A. CLASSIFICATION OF SUBJECT MATTER
Int.Cl⁷ G03G15/02, B41J2/385

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

Int.Cl⁷ G03G13/02, H01J1/30-1/316, G03G15/02, B41J2/385-2/43

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Jitsuyo Shinan Koho	1922-1996	Jitsuyo Shinan Toroku Koho	1996-2004
Kokai Jitsuyo Shinan Koho	1971-2004	Toroku Jitsuyo Shinan Koho	1994-2004

Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	JP 2002-258585 A (Ricoh Co., Ltd.), 11 September, 2002 (11.09.02), Page 3, left column, lines 17 to 20; page 3, left column, line 45 to right column, line 2; page 4, right column, line 46 to page 5, left column, line 47; Fig. 1 (Family: none)	1-13
A	JP 2002-311683 A (Ricoh Co., Ltd.), 23 October, 2002 (23.10.02), Page 2, left column, line 48 to right column, line 2; page 3, left column, line 45 to right column, line 26; page 4, right column, lines 29 to 45; Figs. 1, 6 (Family: none)	1-13

☒ Further documents are listed in the continuation of Box C.

☐ See patent family annex.

* Special categories of cited documents:

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"E" earlier application or patent but published on or after the international filing date

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"X" document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone

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"&" document member of the same patent family

Date of the actual completion of the international search
12 May, 2004 (12.05.04)

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Name and mailing address of the ISA/
Japanese Patent Office

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C (Continuation). DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	JP 2002-174943 A (Ricoh Co., Ltd.), 21 June, 2002 (21.06.02), Page 3, left column, lines 12 to 15; page 10, left column, line 47 to right column, line 16; page 11, left column, line 35 to right column, line 16; Fig. 2 (Family: none)	1-12
A	JP 11-329213 A (Matsushita Electric Works, Ltd), 30 November, 1999 (30.11.99), Page 2, right column, line 22 to 26; page 4, right column, line 38 to page 6, left column, line 16; Fig. 1 & EP 913849 A2 & US 6249080B1	1-11
A	JP 6-255168 A (Alps Electric Co., Ltd.), 13 September, 1994 (13.09.94), Full text; all drawings (Family: none)	13